

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
 Data File : BN015074.D
 Acq On : 25 Jun 2021 12:56
 Operator : CG/JU
 Sample : PB137231BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS231

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:24:49 PM

Quant Time: Jun 25 13:25:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 24 14:43:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	174427	20.000	ng/u1	0.00
20) Naphthalene-d8	10.498	136	695337	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	417501	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	831290	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	801747	20.000	ng/u1	0.00
88) Perylene-d12	23.545	264	784284	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	28293	6.311	ng/uL	0.00
4) Pyridine-d5	3.675	84	332769	27.535	ng/u1	0.00
7) Phenol-d5	6.899	99	524734	34.661	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	305234	34.331	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	412932	35.972	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	395772	33.872	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	194926	40.981	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	192522	45.439	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	377529	37.751	ng/u1	0.00
31) 4-Chloroaniline-d4	10.634	131	506522	32.683	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1109016	38.684	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	1415325	38.030	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	214520	42.899	ng/u1	0.00
60) Fluorene-d10	15.351	176	949251	38.060	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	140917	41.044	ng/u1	0.00
73) Anthracene-d10	17.198	188	1400625	36.812	ng/u1	0.00
81) Pyrene-d10	19.498	212	1569226	37.342	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.404	264	1597986	41.273	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	70478	15.255	ng/uL	94
5) Pyridine	3.693	79	377641	30.034	ng/u1	98
6) Benzaldehyde	6.875	77	308195	43.772	ng/u1	98
8) Phenol	6.922	94	547695	35.686	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.157	93	420791	34.706	ng/u1	99
12) 2-Chlorophenol	7.293	128	417134	35.912	ng/u1	99
13) 2-Methylphenol	8.157	108	391503	34.163	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.252	45	539093	34.134	ng/u1	99
16) Acetophenone	8.540	105	626543	35.400	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.528	70	305151	35.198	ng/u1	99
18) 4-Methylphenol	8.487	108	429314	34.932	ng/u1	97
19) Hexachloroethane	8.799	117	165243	34.805	ng/u1	93
22) Nitrobenzene	8.916	77	459724	39.588	ng/u1	99
23) Isophorone	9.434	82	866280	37.933	ng/u1	100
25) 2-Nitrophenol	9.616	139	207592	44.200	ng/u1	98
26) 2,4-Dimethylphenol	9.681	107	340944	28.000	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.916	93	545891	37.465	ng/u1	99
29) 2,4-Dichlorophenol	10.146	162	375593	38.559	ng/u1	97
30) Naphthalene	10.551	128	1309365	36.903	ng/u1	99
32) 4-Chloroaniline	10.657	127	505761	33.203	ng/u1	100
33) Hexachlorobutadiene	10.840	225	214578	35.489	ng/u1	93
34) Caprolactam	11.404	113	133980m	40.275	ng/u1	
35) 4-Chloro-3-methylphenol	11.781	107	431518	40.486	ng/u1	98
36) 2-Methylnaphthalene	12.163	142	898644	36.584	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	884875	35.951	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.534	216	436575	37.462	ng/ul	96
40) Hexachlorocyclopentadiene	12.522	237	175201	27.547	ng/ul	95
41) 2,4,6-Trichlorophenol	12.775	196	279504	41.019	ng/ul	96
42) 2,4,5-Trichlorophenol	12.845	196	313401	41.397	ng/ul	96
43) 1,1'-Biphenyl	13.187	154	1159334	38.480	ng/ul	98
44) 2-Chloronaphthalene	13.222	162	890695	37.955	ng/ul	99
45) 2-Nitroaniline	13.422	65	270221	49.493	ng/ul	99
47) Dimethylphthalate	13.810	163	1116645	40.243	ng/ul	100
48) 2,6-Dinitrotoluene	13.928	165	227165	48.659	ng/ul	98
50) Acenaphthylene	14.075	152	1324130	37.706	ng/ul	99
51) 3-Nitroaniline	14.251	138	256613	48.614	ng/ul#	92
52) Acenaphthene	14.416	153	955391	38.671	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	93397	43.567	ng/ul	97
55) 4-Nitrophenol	14.563	109	162949	44.686	ng/ul	97
56) Dibenzofuran	14.751	168	1344371	38.742	ng/ul	98
57) 2,4-Dinitrotoluene	14.716	165	324185	49.797	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.981	232	231780	41.767	ng/ul	97
59) Diethylphthalate	15.186	149	1114556	40.237	ng/ul	99
61) Fluorene	15.404	166	1059477	38.569	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.404	204	501018	38.385	ng/ul	99
63) 4-Nitroaniline	15.422	138	267969	54.555	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.481	198	146384	42.188	ng/ul	99
67) N-Nitrosodiphenylamine	15.616	169	954635	39.591	ng/ul	100
68) 4-Bromophenyl-phenylether	16.298	248	313988	39.238	ng/ul	97
69) Hexachlorobenzene	16.410	284	366372	40.855	ng/ul	99
70) Atrazine	16.569	200	219239	26.131	ng/ul	99
71) Pentachlorophenol	16.751	266	178489	38.045	ng/ul	98
72) Phenanthrene	17.145	178	1743895	39.746	ng/ul	99
74) Anthracene	17.233	178	1718793	38.160	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	447334	37.999	ng/ul	97
76) Pentachlorobenzene	14.675	250	419673	37.231	ng/ul	96
77) Carbazole	17.504	167	1625721	40.045	ng/ul	98
78) Di-n-butylphthalate	18.075	149	1896121	41.029	ng/ul	99
80) Fluoranthene	19.163	202	1930330	38.053	ng/ul	99
82) Pyrene	19.527	202	2049528	38.763	ng/ul	99
83) Butylbenzylphthalate	20.439	149	846725	44.929	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.221	252	576315	34.906	ng/ul	96
85) Benzo(a)anthracene	21.286	228	1967031	39.666	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1249164	41.388	ng/ul	98
87) Chrysene	21.339	228	1871141	38.318	ng/ul	99
89) Di-n-octyl phthalate	22.110	149	2166434	44.170	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	2051771	43.444	ng/ul	98
91) Benzo(k)fluoranthene	22.921	252	1945047	40.692	ng/ul	99
93) Benzo(a)pyrene	23.457	252	1781100	41.492	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.809	276	2281285	43.803	ng/ul	96
95) Dibenzo(a,h)anthracene	25.827	278	1897857	43.966	ng/ul	96
96) Benzo(g,h,i)perylene	26.509	276	1867272	41.477	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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